



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 7, 2023

Carrie M. Tackema  
Sr. Regulatory Manager  
Nufarm, Inc.  
11901 S. Austin Ave.  
Alsip, IL 60803

Subject: Registration Review Label Mitigation for Bifenthrin  
Product Name: Mence® Fire Ant Killer  
EPA Registration Number: 228-539  
Application Date: 04-26-2021  
Decision Number: 573414

Dear Carrie Tackema:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Bifenthrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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If you have any questions about this letter, please contact Veronica Dutch by phone at 202-566-2352, or via email at [dutch.veronica@epa.gov](mailto:dutch.veronica@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Cathryn Britton".

Cathryn Britton, Chief  
Risk Management and Implementation Branch 5  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure

# MENACE® FIRE ANT KILLER

THIS PRODUCT IS TO BE USED OUTDOORS ONLY IN LAWNS AND IN AREAS SUCH AS AROUND FLOWER GARDENS, FLOWER BEDS, AROUND/ALONG PERIMETERS AND FOUNDATIONS OF HOUSES, GARAGES, SHEDS AND STRUCTURES, AROUND MULCH BEDS, ALONG FENCE LINES AND AROUND DECKS AND DECKING AND OTHER AREAS WHERE ANTS ARE A PROBLEM.

**ACTIVE INGREDIENT:**

Bifenthrin\* ..... 0.2%

**OTHER INGREDIENTS:** ..... 99.8%

**TOTAL:** ..... 100.0%

\*Cis isomers 97% minimum, trans isomers 3% maximum.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION-PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

**[SEE SIDE PANELS FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS]**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

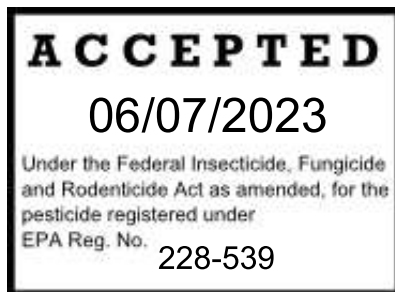
NOTE: Spanish language is optional

EPA REG. NO. 228-539  
EPA EST. NO.

MANUFACTURED [BY] FOR  
NUFARM AMERICAS INC.  
11901 S. AUSTIN AVE.  
ALSIP, IL 60803



NET CONTENTS



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION - PRECAUCION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

<b>FIRST AID</b>	
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
This product is a pyrethroid. If large amounts have been ingested, milk, cream or other digestible fats and oils may increase absorption and should be avoided.	

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic invertebrates. To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on the driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage system. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas.

**DIRECTIONS FOR USE** Read all directions prior to application of the product.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For outdoor use only.

In New York State, **DO NOT** apply to turf within 100 feet of a coastal marsh or of a water body, lake, pond, river, stream, wetland, or drainage ditch. In New York State, make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Do not allow children or pets onto treated areas until granules have been watered into soil and the treated area has dried. Do not apply to vegetable gardens.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. **DO NOT** apply or irrigate to the point of run-off. **DO NOT** apply this product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

**DO NOT** make applications during rain.

For applications at rates above 0.34 lb. bifenthrin/A (170 lbs. product/A), users must water the treated area immediately after application.

**DO NOT** allow to enter indoor or outdoor drains / No permita la entrada a desagues internos o externos.

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

**DO NOT** apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.

**DO NOT** allow the product to enter any drain during or after application.

**DO NOT** apply when the wind speed is greater than 15 mph.



**INSECTS CONTROLLED**

This product kills the following types of ants: Fire Ants, Argentine Ants, Carpenter Ants, Odorous Ants, Pavement Ants, Pharaoh (sugar) Ants, Red Harvester Ants.

**BROADCAST APPLICATION WITH A SPREADER**

Apply this product when insects first appear. For extended fire ant control and prevention apply this product two times a year. In the Spring (March-May) and then late Summer (August-September). Apply this product evenly over targeted area using a properly calibrated drop or rotary spreader. A more uniform application is achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at a right angle to the first. Treat the entire lawn area to prevent re-infestation of ants from neighboring areas. Irrigating or watering by 0.1 to 0.5 inches immediately after application generally improves effectiveness of this product. Combining broadcast applications to control foraging worker ants and newly mated fly-in queens with mound treatments to existing colonies will provide the best results. Do not apply more than 200 lbs of this product per acre (0.4 lbs bifenthrin per acre) per application.

**MOUND APPLICATIONS**

Treat mounds by applying 1 cup of this product per mound and then drench the mound with 1 to 2 gallons of water. Treat the mound with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. Also treat a four foot diameter circle around the mound. For best results apply in cool weather (65°F to 80°F) or in early morning or late evening hours. This treatment will kill the queen within 24 hours of application.

## SPREADER SETTINGS

**Broadcast Spreaders:** For best results, apply in a circular path starting on the outside and working toward the center. A little overlap of product will ensure complete coverage.

**Drop Spreaders:** First, apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips.

**Important:** It is important to follow the directions as indicated on this quality lawn care product as over-application may cause injury to the lawn. Measure the size of the area to be treated and do not over or under apply. Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied, and roughness of area treated. Calibrate spreader prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing uniformly. Close spreader when filling, stopping or turning. Do not hand spread.

**Note:** *Following will be a list of application spreaders and approximate settings. This list will vary dependent on market of spreaders. (This note will not appear on final printed label.)*

Spreader	<u>11.48 lbs./5,000 sq.ft.</u>	<u>7 lbs./3,048 sq.ft.</u>	<u>3.5 lbs./524 sq.ft.</u>	<u>X lbs./x,xxx sq.ft.</u>
aa	XX	XX	XX	XX
bb	XX	XX	XX	XX
cc	XX	XX	XX	XX

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. **DO NOT** reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

## WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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**If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

Menace® is a registered trademark of Nufarm Americas Inc.

All other trademarks are the property of their respective owners.

(RV[MMDDYY])

**Optional**

Visit our website at {address}

**OPTIONAL MARKETING CLAIM:**

- For Lawns
- Turf Insect Control
- Contains Bifenthrin
- Kills Ants
- Kills the queen in 24 hours
- 4 Month Fire Ant Control
- Protects the treated area for up to 4 months
- Stops and prevents Fire Ant Mound formation
- Prevents new Fire Ant mounds from forming for up to 4 months
- Penetrates down to where Fire Ants forage
- Fast Acting
- Kills on contact
- Ready to use
- Kills fly-in queens
- Kills Fire Ants and other listed ants
- Apply twice for season long control